

SHEET 1 of 2

Form PTO-1449 (Modified)

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INFORMATION DISCLOSURE STATEMENT

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29634/38405-A

Serial No.

10/606,132

Applicant(s)

Gharavi et al.

Filing Date

June 25, 2003

Art Unit

Unassigned

U.S. PATENT DOCUMENTS

Examiner Initials		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
Aulla	A1	5,887,116	03/23/1999	Grote	385	2	06/11/1997
	A2	US-2001-0046363	published 11/29/2001	Purchase et al.	385	140	02/16/2001
	A3	US-2002-0009274	published 01/24/02	Gharavi	385	122	03/06/2001
	A4	US-2002-0018636	published 02/14/2002	Bischel et al.	385	140	08/01/2001
	A5	US-2002-0048073	published 04/25/2002	Kawawada et al.	359	230	08/31/2001
	A6	US-2002-0063942	published 05/30/02	Fischer et al.	359	286	10/30/2001

FOREIGN PATENT DOCUMENTS

Examiner Initials		Document Number	Publication Date	Country	Class	Subclass	Translation	
							Yes	No
Aulla	B1	WO 01/06240	01/25/01	PCT	G01	21/77		
	B2	WO 01/06305	01/25/01	PCT	G02F	--		
	B3	WO 02/33005	04/25/02	PCT	C09B	29/01		
	B4	WO 02/071557	09/12/02	PCT	H01S	3/063		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

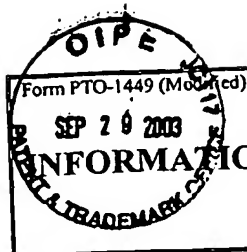
Aulla	C1	Levy et al., "Reflection Method for Electro-optical Coefficient Determination in Stratified Thin film structures," <i>Mol. Cryst. Liq. Cryst. Sci. Technol.-Sec.B: Nonlinear Optics</i> 4: 1-19 (1993).
	C2	Reinisch et al., "Fast Pockets Light Modulator Using Guided Wave Resonance," <i>Applied Optics</i> 24: 2001 (1985).
	C3	Saadeh et al., "A New Synthetic Approach to Novel Polymers Exhibiting Large Electrooptic Coefficients and High Thermal Stability," <i>Macromolecules</i> 33: 1570 (2000).
	C4	Saadeh et al., "Highly Stable, Functionalized Polyimides for Second Order Nonlinear Optics," <i>J. Mater. Chem.</i> 9: 1865 (1999).
	C5	Saadeh et al., "A Multifunctional Photorefractive Material Showing High Optical Gain and Diffraction Efficiency," <i>Advanced Materials</i> 10(12): 927-931 (1998).
	C6	Saadeh et al., "Polyimides with a Diazo Chromophore Exhibiting High Thermal Stability and Large Electrooptic Coefficients," <i>Macromolecules</i> 30(18): 5403-5407 (1997).
	C7	Saadeh et al., "Polyimides with a Diazo Chromophore Exhibiting Large Electro-optic Coefficients," <i>Polymer Preprints</i> 38: 552 (1997).

EXAMINER:

Akram E. Ullah

DATE CONSIDERED:

3/9/2005



SHEET 2 of 2

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INFORMATION DISCLOSURE STATEMENT	Applicant(s) Gharavi <i>et al.</i>	
	Filing Date June 25, 2003	Art Unit Unassigned

	C8	Savage, N., "Too Much Fiber?" <i>Optics & Photonics News</i> , p.32-37 (March 2002).
Sub	C9	SBIR Abstract, SBIR Phase I Grant to Alireza Gharavi, "Mid-Infrared Stacked Waveguide Laser Arrays with Organic Light Emitting Diodes", Fiscal Year 2000 [available at http://www.winbmdo.com/scripts/sbiabstract.asp].
	C10	SBIR Abstract, SBIR Phase I Grant to Alireza Gharavi, "Optical Materials: Water-Soluble Polyimides", Fiscal Year 2002 [available at http://www.winbmdo.com/scripts/sbir/abstract.asp].
	C11	Sekkat et al., "Room-Temperature Photoinduced Poling and Thermal Poling of a Rigid Main-Chain Polymer with Polar Azo Dyes in the Side Chain," <i>Chem. Mater.</i> 7: 142-147 (1995).
	C12	STTR Abstract, STTR Phase I Grant to Alireza Gharavi, "A Multi-Functional Optical Switch: a WDM, Add/Drop Multiplexer and Cross-Connect Device", Fiscal Year 1998 [available at http://www.winbmdo.com/scripts/sbir/abstract.asp].
	C13	Van, J., "Broadband dream hits snag: Americans unwilling to pay premium for high-speed web access," <i>Chicago Tribune</i> , B6, Nov. 12, 2001.
	C14	Yu et al., "Highly Stable Copolyimides for Second-Order Nonlinear Optics," <i>Macromolecules</i> , 29: 6139-6142 (1996).
	C15	Yu et al., "Multifunctional Polymers Exhibiting Photorefractive Effects," <i>Accounts of Chemical Research</i> , 29(1): 13-21 (1996).
	C16	Yu et al., "A Generic Approach to Functionalizing Aromatic Polyimides for Second-Order Nonlinear Optics," <i>Macromolecules</i> , 28: 784 (1995).
	C17	Yu et al., "Novel second-order nonlinear optical, aromatic, and aliphatic polyimides exhibiting high-temperature stability," <i>Appl. Phys. Lett.</i> , 66: 1050 (1995).
	C18	Yu et al., "Development of Functionalized Polyimides for Second-Order Nonlinear Optics," <i>ASC Symposium Series No. 601</i> , Chapter 13, 172 (1995).
	C19	Yu et al., "Novel Aromatic Polyimides for Nonlinear Optics," <i>Polymer Preprints</i> , 36: 39 (1995).
	C20	Yu et al., "Novel second-order nonlinear optical polyimides," <i>SPIE Proceedings</i> , 2527: 12 (1995).
	C21	Yu et al., "Novel Aromatic Polyimides for Nonlinear Optics," <i>J. Am. Chem. Soc.</i> , 117: 11680 (1995).

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